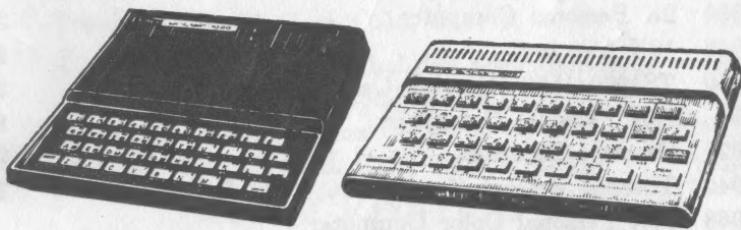


TIMEX | **sinclair**

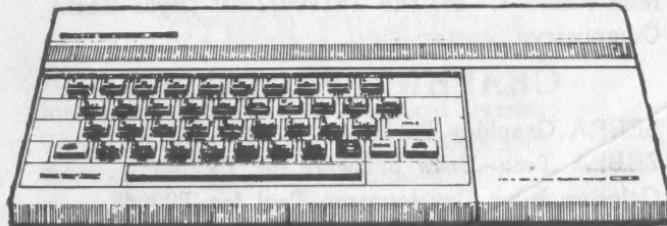
=ZEBRA SYSTEMS, INC.=

78-06 Jamaica Ave.
Woodhaven, NY 11421
(718) 296-2385



**YOUR BEST SOURCE
FOR TIMEX/SINCLAIR
HARDWARE & SOFTWARE**

1985 – Fall/Winter Catalog



ABOUT THIS CATALOG

This catalog includes many exciting new products: Floppy Disk Drives, OS-64 Cartridge, Zebra Graphics Tablet, TECH-DRAW, The Greeting Card Designer, MSCRIPT, ZPRINT80, and much more. Our Spectrum and QL products have been assigned to separate catalogs because of printing and mailing cost considerations. If you are interested in those catalogs just contact us.

Also, some products from our last catalog (Winter Spring 85) are not here because of unavailability, but others only because of catalog space limitations. So keep your old catalog and if you see a product that interests you call and ask about availability.

TIMEX PRODUCT PRICING

Cat #	Description	Price
TS1000	2K Personal Computer	\$49.95
TS1016	16K Memory	\$19.95
TS1050	TS1000/1500 Carrying Case	\$10.00
TS1500	16K Personal Computer	\$89.95
TS2020	Cassette Recorder	\$49.95
TS2040	Thermal Printer (for TS1000, 1500 & 2068)	\$59.95
TS2068	72K Personal Color Computer	Call
PR32	Alphacom 32 Thermal Printer	\$59.95
C148	Six-Pack of TS2040/Alphacom 32 Thermal Paper	\$15.00
ZXKIT	Sinclair ZX-81 Computer Kit	\$49.95

MODEM PRODUCTS

S250	WC2050 Modem for TS1000/TS1500/TS2068	\$119.00
ST02	MTERM II TS2068 Advanced Terminal Software	\$29.95
C139	The Complete Guide to MTERM II	\$8.00
MS01	Letterriter/Bufferiter for the Timex 2068	\$19.95
WE01	Mini Xmod 1.7 for the TS1000/1500 (2050 Modem)	\$19.95
WE02	Mini Xmod 1.7 for the TS1000/1500 (Byte Back)	\$19.95
C201	Compuserve Starter Kit	\$34.95

GRAPHICS PRODUCTS

C252	ZEBRA Graphics Tablet for TS2068	\$89.95
C254	ZEBRA Tech-Draw Software for TS2068	\$19.95
C260	Coloring Book Development Tool for TS2068	\$14.95
C261	Circus Coloring Book for TS2068	\$7.95
C262	Space Adventures Coloring Book for TS2068	\$7.95

SPECTRUM EMULATORS

Cat #	Description	Price
C226	Spectrum Emulator Cartridge	\$19.95
C221	ZEBRA Expansion Interface for the TS2068	\$29.95
C222	ZEBRA Expansion Interface RGB Video Option	\$10.00
C223	ZEBRA Expansion Interface Spectrum ROM Option	\$15.00

VOICE SYNTHESIZERS

C141	TS1000 Zebra-Talker with Text to Speech	\$84.95
C242	TS2068 Zebra-Talker with Text to Speech	\$89.95
C145	Optional Speaker/Amp (for Zebra-Talker)	\$12.50

PROTOTYPING PRODUCTS

C110	TS1000 46-Pin Keyed & Labeled Edge Connector	\$5.95
C111	TS1000 Universal Prototyping Board	\$9.95
C112	TS1000 46-Pin Expansion Connector	\$2.50
C117	Protocard Kit #1 (1 ea C110, C111 & C112)	\$18.40
C210	TS2068 64-Pin Keyed & Labeled Edge Connector	\$6.95
C211	TS2068 Universal Prototyping Board	\$10.95
C212	TS2068 64-Pin Expansion Connector	\$2.60
C217	Protocard Kit #2 (1 ea C210, C211 & C212)	\$20.50

TS1000 JOYSTICK

C120	TS1000 Joystick Adapter	\$19.95
C121	ATARI Compatible Joystick	\$6.50
C115	Six Joystick Games Tape	\$9.95

TS1000 SOUND EFFECTS

C122	TS1000 Blippo Sound Effect Generator	\$19.95
C124	Speaker Module (For Blippo)	\$5.00

LIGHT PENS

C109	ZEBRA Light Pen for TS1000/TS1500	\$24.95
C179	ZEBRA Light Pen for TS2068	\$29.95

OTHER PRODUCTS

C140	Green Screen Optical Filter for 12" TV's	\$12.95
C163	Innovation 1001 TS1000 Keyboard Overlay	\$9.95
GR02	Winky Board II for the TS1000/1500/2068	\$21.95
POW1	TS1000/ZX81 Replacement Power Supply	\$6.00
POW2	TS2040 Replacement Power Supply	\$9.95
C010	1 Dozen Blank 10 Minute Cassettes	\$12.00
C020	1 Dozen Blank 20 Minute Cassettes	\$15.00

FINALLY THE TS2068 COMES OF AGE! TS2068 DISK DRIVE ONLY \$299.95

- * Uses Keywords which operate like an Extended BASIC.
- * No TS2068 memory is used so existing software will run without modification.
- * Allows PRINTing to and INPUTing from RS232C ports using KEYWORDS from a BASIC program.
- * Supports RANDOM and SEQUENTIAL access files.
- * Has a powerful TREE DIRECTORY structure.
- * Supports all TS2068 data types.

The addition of disk drives to the TS2068 creates an immensely powerful system, and T.O.S. — the disk operating system especially developed for ZEBRA SYSTEMS gives you the power from within your BASIC program that you have always wanted, but never believed would be available. Many TS2068 owners have called us asking for TIMEX 2068 Microdrives, we have done one better: ZEBRA Disk Drives.

If you were to ask any group of Timex 2068 owners what they want the most for their computer, they'd say: "Disk Drives". Well, we've heard this cry, and can now answer it. This disk system is manufactured especially for Timex computers. This is a disk system engineered from the ground up for the TS2068 computer. We have used other Disk Systems, Microdrives, Waferdrives, and Tape Recorders and in our estimation this is by far the best mass storage system we have seen for the TS2068.

The secret of this disk system lies in the Controller and the T.O.S., which controls the operation of the disk drives. The controller is a separate computer having its own 4Mhz Z80A Central Processor, as well as its own 16k internal memory and input/output facilities. Every time a T.O.S. command is issued it passes straight to the controller, which then executes the instruction, placing no overhead on the TS2068, and of course it is not dependent on any hardware limitations of the TS2068, such as available memory.

The disks are the latest in 3" micro floppies, using very high density recording medium, giving on the standard floppy 160K of storage on each side of the disk providing 320K of storage per diskette.

As an added feature, the controller has two RS232C serial communication ports which can be configured to suit almost any type of protocol you are likely to need. This means that apart from being able to communicate with T.O.S. users, you will be set to "talk" to other users, on a variety of computers with a standard RS232C Serial Port. Other peripherals such as modems, printers, plotters or any device that can be coupled to a serial port can also be connected to these ports.

The ZEBRA FDD Disk Drive Systems comes complete with:

- | | |
|-------------------------|-------------------------------|
| * First 3" Disk Drive | * Disk Controller |
| * Power Supply | * TS2068 Interface |
| * Operating System Disk | * Comprehensive Users' Manual |
| * All Cables | * Free Demo Programs on Disk |

ZEBRA Disk Drive Starter System

Catalog #: C500

Price: \$299.95

Box of Ten (10) 320k 3" Diskettes

Catalog #: C503

Price: \$ 39.95

Second Add-on 3" Disk Drive

Catalog #: C501

Price: \$110.00



ZEBRA FDD SPECIFICATIONS

Floppy Disk Drive Controller (ZFC-1)

PROCESSOR: Z80A at 4 Mhz
MEMORY: 2K Boot ROM
16K Random Access Memory (RAM)
FDC: Western Digital FDC 1770
CAPACITY: Controls up to 4 disk drives
PORTS: 2 fully programmable RS232C channels
1 high-speed link to TS2068 interface
SOFTWARE: The T.O.S. System is a patch into Timex/Sinclair BASIC and all commands are issued to the controller by suffixing an * to the command. It allows full file handling of data, enabling random-access database programs to be written, a task which is not normally performed by the TS2068. The 20K T.O.S. disk operating system supports a tree-like directory structure with named diskettes, named files (8 character name + 3 character file extension) with attributes (protection and catalog), pathnames, wildcard file selection and up to 16 file or serial channels open simultaneously, ASCII and code files. Full range of standard system calls. Backup, Losys, Lprint, and Dump utilities supplied.

Zebra Disk Drives (ZDD)

SIZE: 3" Disk Drives
STORAGE: Single Sided 40 Track
Unformatted capacity: 250K per side
Formatted capacity: 160K per side
User files capacity: 140K per side

Power Supply (PS-1)

INPUT: 110/120 Volts AC 60hz
CONSUMPTION: Max. 14 Watts
(Controller, Interface, & 2 Drives)
OUTPUT: + 5 volts DC, + 12 volts DC

Zebra TS2068 Interface (ZTSI)

MEMORY: 4K ROM - BASIC expansion

1K RAM

SOFTWARE:

New Commands:

CAT*, LOAD*, SAVE*, OPEN*,
PRINT*, INPUT*, LIST*, RESTORE*,
MERGE*, GOTO*, GOSUB*, DRAW*,
CLOSE*, FORMAT*, ERASE*, LET*,
ATTR*, MOVE*

AUTO-RUN:

Automatic run of a program after reset.

ERROR TRAPPING: Disk error messages and codes processed from BASIC.

COMPATIBILITY:

Not a single byte of TS2068 memory is used. The interface is completely transparent to the TS2068. Virtually all TS2068 programs run without modifications (including machine code programs).



PRINT YOUR OWN CUSTOM GREETING CARDS ON YOUR 80 COLUMN PRINTER!

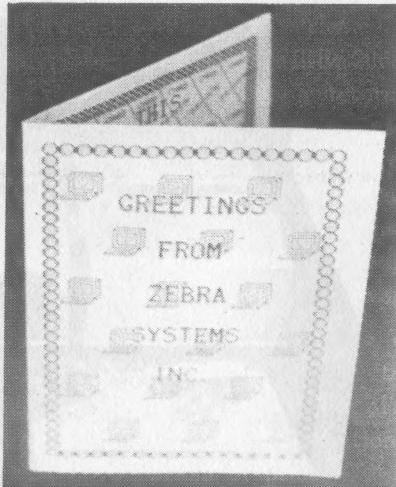
The GREETING CARD DESIGNER for the TS2068 can be used to print custom greeting cards for any occasion including: Birthdays, Anniversaries, Mother's Day, Valentines Day, Christmas, and others. It can also be used to make Custom Invitations, Thank you cards, Get-Well cards, and Announcements.

The GREETING CARD DESIGNER is easy to use and includes a library of 16 Pre-Drawn Hi-Res Graphic Pictures for most holidays such as a Christmas Tree, Birthday Cake, Turkey, Wreath, Graduate, Gift Box and others. You can also design your own library of Graphic images to create just about any theme greeting card. Included are 8 decorative borders which you can use to decorate your cards.

You can write custom messages on the cover and inside your cards in a selection of character fonts and sizes. An easy to use screen editor allows you to pick your type style, font size, and select Flush left, Flush Right or Centered Text.

The GREETING CARD DESIGNER is compatible with the AERCO, TASMAN, OLIGER or A & J Centronics Printer Interfaces and one of the following 80-Column printers:

EPSON MX-80,RX-80,FX-80
GEMINI 10X and SG-10
MEMOTECH DMX-80
PANASONIC 1090/1091
C-ITOH 8510
SEIKOSHA GP-250
GORILLA BANANA
MANNESMAN TALLY SPIRIT-80



The GREETING CARD DESIGNER is supplied on cassette with Users' Guide.

Catalog #: C272

Price: \$19.95

OS-64

The 64 Column

Operating System Cartridge for the Timex 2068 Computer (PRELIMINARY SPECIFICATIONS)

Plug the OS-64 cartridge into your TIMEX 2068's cartridge port and transform your 32 column computer into the 64 column computer you've been dreaming about..

OS-64 is an advanced 64-column operating system which is fully compatible with the 32 column mode commands and functions. You can now write and edit programs in a 64-column environment which allows you twice as much program or text on the screen as the standard 32 column mode. You don't have to be a programmer to use OS-64, just plug it in and run! There are no special commands to learn, you use the same PRINT, LIST, and EDIT commands that you have always used. With OS-64 installed you can easily convert existing BASIC programs from 32 to 64 Columns.

Not only will you see 64 columns on your screen, but all LPRINTs and LLISTS to your TS-2040 printer will be in 64 columns as well.. And if that isn't enough, if you have a Centronics Parallel Interface such as the AEROO, TASMAN, OLIGER or A & J you can take advantage of the built-in 80-column printer drivers..! No need to load drivers from cassette ever again!

OS-64 supports LLIST, LPRINT and COPY (COPY will dump to EPSON compatible printers only..) without learning RAND USR statements. OS-64 uses the LPRINT, LLIST, and COPY keywords on your keyboard! Most programs will work with OS-64's built-in 80 column printer drivers without modification.

OS-64 is supplied on cartridge for instant loading. OS-64 behaves as if it were a natural part of your system. Turn your Timex 2068 on and it becomes a 64 column computer. OS-64 actually becomes part of the Timex 2068 Operating System, and is not affected by typing NEW or CLEAR. As long as the OS-64 Cartridge is in your cartridge port you will be in 64 columns..

Catalog #: C271

Price: \$29.95

ZPRINT-80

Printer Support Package for the Timex 2068 and Spectrum Computers

ZPRINT-80 produces Full-Page Gray-Scale Color dumps on your Timex/Sinclair 2068 or 48k Spectrum.

ZPRINT-80's Grey-Scale dump is twice as fast as TASCOPY and is compatible with more Printer Interfaces and more popular 80-column printers.

Speed comparison for Grey-Scale dumps
Using Star Micronics SG-10 with A & J Printer Interface

Program	Approx Print time
ZPRINT-80	5 minutes
TASCOPY	9 minutes

ZPRINT-80 also includes 80-Column LPRINT and LLIST support. With the ZPRINT-80 Printer Drivers you can use your 80-column printer with your own or existing applications programs. The ZPRINT-80 also supports a 2040 size COPY to your 80-Column printer. We supply High and Low Memory Timex 2068 and ZX-Spectrum versions of ZPRINT-80 for maximum compatibility. ZPRINT-80 is compatible with Zeus Assembler and Zeus Monitor/Disassembler for output to your 80 column printer.

Unlike other printer driver programs, this is to our knowledge the only LLIST and LPRINT 80-column printer support package that is a true functional equivalent of the 2040 printer routines contained in the Timex ROM. The advantage to this is that ZPRINT-80 is compatible with more programs than any other printer driver available for the TS2068.

ZPRINT-80 is compatible with the AERCO, TASMAN (Rev B or Rev C) OLIGER and the A & J Stringy Floppy Centronics Printer Interfaces and the following 80-Column Printers:

EPSON MX-80, RX-80 and FX-80

STAR MICRONICS GEMINI 10X and SG-10

MEMOTECH DMX-80 and PANASONIC 1090/1091

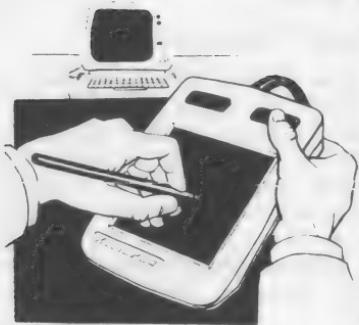
C-ITOH 8510 or PROWRITER

MANNESMAN TALLY SPIRIT-80

ZPRINT-80 is supplied on cassette with User's Guide.

Catalog #: C270

Price: \$19.95



Graphics Tablet for the TS2068

Complete with
Interface & Software
Price: \$89.95

ORDER CAT# C252

Zebra Graphics Tablet:

- * Manufactured by KOALA Technologies Corporation.
- * Plugs directly into Zebra Graphics Interface.
- * Features rectangular touch sensitive drawing area.
- * Plus two control buttons for programable functions.
- * Draw with your finger or the plastic stylus supplied.

ZebraPainter Cassette Software:

- * Fast 100% machine code software.
- * Fully utilizes TS2068 Extended Color Mode.
- * Select Paper, Ink and Border Colors.
- * Draw and Erase freehand with pen or brush strokes.
- * Features precision circle and line entry functions.
- * Intermix text with graphics.
- * Keep two screen drawings in memory at once.
- * Save & Load screens to cassette tape.
- * Prints a screen image to your Timex printer.

Zebra Graphics Interface:

- * Fully compatible with the TS2068 Color Computer.
- * Two Standard 6-pin DIN connectors accomodate Graphics Tablets, Analog Joysticks, and much more.
- * Expansion connector allows piggybacking of other peripherals.

NOTE: The above items come complete with a 32-Page Owner's Manual, ZebraPainter Quick Reference Card, and Zebra 90-Day Limited Warranty.

TECH-DRAW

TS2068 Graphics Tablet Software

This is the most exciting software available for your TS2068. Tech-Draw for the Zebra Graphics Tablet is a High Resolution Black and White drawing utility inspired by MacPaint for the APPLE Macintosh Computer. Making use of the Zebra Graphics Interface and Graphics Tablet, Tech-Draw gives you control to draw curves, and draw freehand with an ease never before possible on a Timex 2068. Tech-Draw automatically supports many popular 80 column printers without the need for drivers and patches because they're built-in! If you have an 80 Column printer and a Tasman or Aerco Interface you can produce screen dumps in two sizes: LARGE Full page dump or small 1/6th page dump. Tech-Draw has the following additional features:

Supports Screen Dumps to:

Timex 2040 and Alphacom-32 Printers

Aerco & Tasman Printer Interfaces For:

**Epson, Star Micronics, Memotech, Seikosha,
Panasonic, Citoh & Others**

Draw Commands Include:

Circle Multiple Lines

Fill Vertical Line

Horizontal Line Undo Function

35 Preset Shades & Patterns Including:

White to Black Gray Scale

Horizontal, Vertical, and Slanted Line Patterns

Dot and Grid-Line Reference Patterns

Random, Brick, Basket Weave, Architectural Patterns

16 Selectable Brushes Including:

Circular Square

Diagonal Line Caligraphy

Text Mode Features:

Font Styles Bit Level Positioning

Font Sizes Font Modes:

Full Screen Editing Bold, Italic, Standard

Save & Load Pictures to Cassette Tape

Automatic Customized Program Backup.

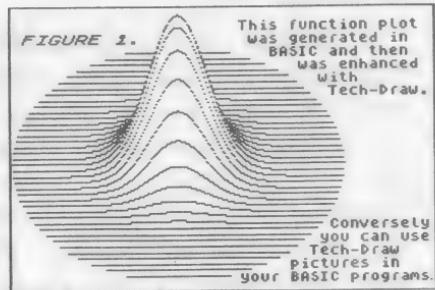
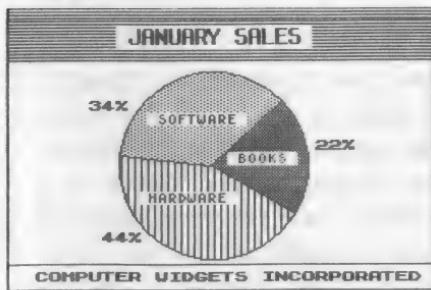
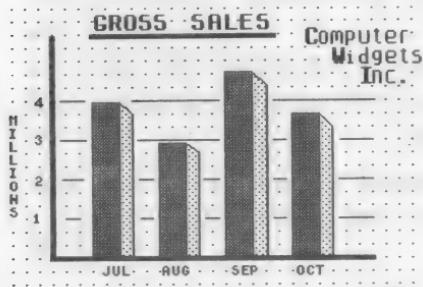
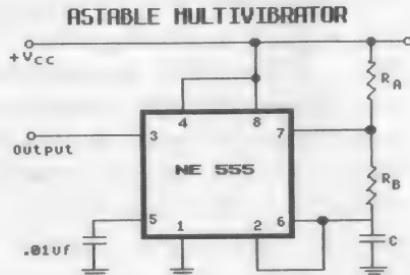
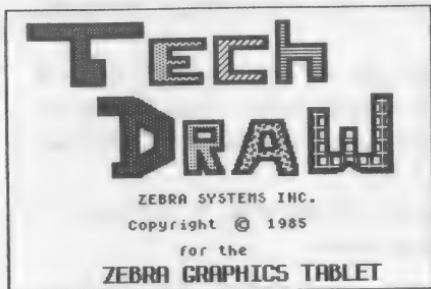
**Generate pictures to load with BASIC SCREEN\$ or load
SCREEN\$ into Tech-Draw for editing..**

Includes Cassette, 32 Page Manual, & Reference Card

Catalog # C254

Price \$19.95

SAMPLE SCREEN PRINTOUTS USING Tech-Draw &
THE ZEBRA GRAPHICS TABLET FOR THE TS2068



Zebra Coloring Book Software for the TS2068 Graphics Tablet

Zebra's coloring book software will provide you or your children with hours of enjoyment. There are no keyboard commands to learn, just three simple screen menu commands to select with your graphics tablet:

COLOR — The COLOR command selects the color of the electronic crayon you'll be drawing with.

FILL — The FILL command lets you fill in any enclosed area of your picture with the currently selected crayon color. You just move your cursor to a point in that area and push your tablet's command button. It's fast, efficient, colorfull, and fun.

NXTPIC — The Next Picture command allows you to advance to the next page in your electronic coloring book.

Just as in the Zebra Painter software that comes with your Graphics tablet, the cursor on your screen follows your stylus on your graphics tablet. Whenever you hold down the tablets' DRAW/ERASE button, your cursor will color like a crayon. As you fill in the colors, the original outline picture remains unchanged just like in a traditional coloring book. Different coloring books are available, each one with pictures of a particular theme.

CIRCUS COLORING BOOK - Contains pictures of a circus flag, circus tent, clown, elephant, ringmaster, lion, strong man, and more.

Catalog#: C261 **Price:** \$7.95

SPACE ADVENTURES COLORING BOOK — Contains pictures of space ships, astronauts, and alien creatures.

Catalog#: C262 **Price:** \$7.95

ZEBRA COLORING BOOK UTILITY & LINKER

The Zebra Coloring Book Utility lets you create Zebra Graphics Tablet Coloring Books. Perhaps you want to create coloring books to help teach your children a particular subject. This is the software that will let you do it. The Zebra Coloring Book Utility is a derivative of Zebra's Zebra Painter software and has been optimized for creating coloring books. The software includes special picture data-compression routines to squeeze as many pictures as possible into your computer's available memory space. Let your creative energies flow. Create a coloring book with your own theme. It's lots of fun.

Catalog#: C260 **Price:** \$14.95

ZEBRA-TALKER VOICE SYNTHESIZERS

Call our 24-Hour Demo Hot-Line and hear it for yourself!
(718) 625-6220

The Zebra-Talker unlimited vocabulary voice synthesizer uses the famous Votrax SC01 phoneme synthesizer with 4 programmable pitch levels and automatic inflection. It produces all the phonemes required for English speech.

The Zebra-Talker comes complete with the ZTalker Text to Speech software on cassette (TS1000 version requires 16k). This software contains an advanced machine language algorithm with more than 400 rules of English pronunciation. All you have to do is type in text in English and ZTalker will produce the necessary sequence of phonemes. The Zebra-Talker also features an expansion connector for "piggy-back" expandability. The Audio Output plugs into any audio system, or order our #O145 Speaker/Amplifier Module with volume control.

The Zebra-Talker comes complete with:

- * Assembled and Tested Zebra-Talker.
- * ZTalker Text to Speech Software.
- * Zebra Phoneme Editor Software.
- * Phoneme Dictionary
- * Instruction Manual

Zebra-Talker 1000 for the TS1000 with Text to Speech Software
Catalog #: O141 NEW LOW PRICE!! Price: \$64.95

Zebra-Talker 2068 for the TS2068 with Text to Speech Software
Catalog #: O242 NEW LOW PRICE!! Price: \$69.95

Optional Speaker/Amplifier with Volume Control
Catalog #: O145 Price: \$12.50

BUILD YOUR OWN COMPUTER!

Sinclair ZX-81 Kits, supplied with all parts, Power supply, BASIC Programming book, and complete assembly instructions.

Catalog #: ZXKIT Price: \$49.95
Quantity Discounts Available, Call or Write for Details

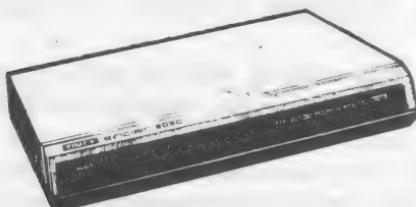
WC-2050 Communications Modem

The Westridge Communications 2050 Modem allows you and your Timex/Sinclair 1000/1500/2068 or ZX-81 to communicate through your telephone with other computers and information sources. With this modem and the enclosed MTERM I cassette software you can do such things as: connect to outside subscription services like THE SOURCE, Compuserve, DOW JONES, and MCI MAIL. Bank and Shop-at-home. Also send electronic mail, access the latest news, weather, sports, and financial information. Read electronic editions of important newspapers, magazines and advisory services. Gather research from a wide range of library data bases. Tap into special interest bulletin boards such as ZEBRA SYSTEMS BBS which is a free service dedicated to Timex users across the country. Print displayed screens if you own a TS2040 or Alphacom 32 Printer.

Features:	Compatible with ZX-81, TS1000, 1500, 2068 300 Baud Direct Connect to phone line Auto-Dial/Auto Answer Expansion Connector allows piggybacking of peripherals behind the interface.
Software Media:	Supplied on tape for all model computers
System Supplied:	WC-2050 Telecommunications Modem Built-in Direct connect phone jacks 9 Volt AC Adapter MTERM I Cassette Modem Instruction Manual The Source Membership Kit One Year Limited Warranty

Catalog #: WC2050

Price: \$119.00



MTERM II for the TS2068

MTERM II is an advanced software package for your TS2068 equipped with the 2050 modem. MTERM II expands your Telecommunications abilities with features like: a 14 Number Auto Dial Directory, 27k Send/Receive buffer which can be erased, viewed, printed, or transmitted, 10 Macrokeys which hold up to 53 characters each for auto logon, codes, etc.. You can transmit and receive BASIC programs, and Text from a BBS or another TS2068 Computer.

Catalog #: ST02

Price: \$29.95

The Complete Guide to MTERM II

By Barry Carter

The Complete Guide to MTERM II is the long awaited companion to the MTERM II user's guide. This book explains in english with examples, how to upload and download, macro-keys, translation tables, auto log-ons, settings, and much more. This guide has been written by an MTERM II user, for an MTERM II user.

Catalog #: C139

Price: \$8.00

LETTERITER/BUFFERITER

LETTERITER/BUFFERITER allows you to make better use of your Westridge 2050 modem and MTERM II terminal software with the TS2068. LETTERITER is a 32-column Word Processor for the TS2068 computer and a TS2040 printer. With LETTERITER you can write, edit, and save screens of information to print with your TS2040. BUFFERITER interfaces with MTERM II and allows you to transmit files generated with LETTERITER to other TS2068 users, BBS Systems, or Compuserve. You can also save information downloaded from another TS2068, BBS, or Compuserve to tape for editing with LETTERITER. Supplied on Cassette.

Catalog #: MS01

Price: \$19.95

MINI XMOD 1.7

MINI XMOD 1.7 allows your Timex 1000/1500 or ZX-81 equipped with a Westridge 2050 or Byte-Back modem to Up and Download programs to any XMODEM Protocol BBS (Like ZEBRA BBS). Includes 16k and 64k versions on cassette and User's manual.

Catalog #: WE01 Westridge 2050

Price: \$19.95

Catalog #: WE02 Byte-Back MD-1

Price: \$19.95

COMPUSERVE Starter Kit

Catalog #: C201

Price: \$34.95

A & J Micro Drives for Timex Computers

The A & J Micro Drives are a low cost mass storage system for your TS1000/1500 or 2068 Computers. They feature a high speed data transfer rate which is many times faster than cassette as well as being many times more reliable. You can load a 28k program in 24 seconds without the loading problems associated with tape. The Microdrive attaches to the expansion connector on the back, and your existing peripherals attach behind it. The Micro Drives operate using simple commands and most programs will run with little or no modification. Up to 2 drives may be connected for a maximum of 170k online storage. TS2068 version also includes a Centronics Printer interface (cable extra). The Starter Kits include:

- * A & J Micro Drive 0 * Interface for 2 Drives
- * 5 Wafers (1 ea: 5',10',20',35',50') * Wafer Organizer
- * Operators' manual * 90 Day Warranty

Catalog #: AJ01 - TS2068 Starter Kit	Price: \$149.50
Catalog #: AJ06 - TS1000/1500 Starter Kit	Price: \$149.50
Catalog #: AJ02 - Micro Drive Add-on Drive 1	Price: \$99.50

WAFERS:

A & J TS1000/2068 Version 2				Entrepo TS2068 Version 1			
Cat #	Length	Bytes	Price	Cat #	Length	Bytes	Price
AJ70	5'	8.5k	\$3.50	AJ10	10'	14k	\$4.00
AJ71	10'	17k	\$3.50	AJ20	20'	28k	\$4.00
AJ72	20'	34k	\$4.00	AJ35	35'	49k	\$4.25
AJ73	35'	59.5k	\$4.00	AJ50	50'	70k	\$4.50
AJ74	50'	85k	\$4.50	AJ62	62'	85k	\$4.50

ACCESSORIES:

TS2068 A & J Printer Cable Kit A

Printer cable, Manual, Chip & Driver software For Version 1 Micro Drive owners.

Catalog #: AJ07 Price: \$39.50

TS2068 A & J Printer Cable Kit B

Printer Cable and Manual Only. For Version 2 Micro Drive Owners.

Catalog #: AJ08 Price: \$24.50

WAFER ORGANIZER

Catalog #: AJ03 - Attractive folder holds 16 wafers. Price: \$5.00

WAFER CADDY

Catalog #: AJ04 - Desktop tray holds 6 wafers. Price: \$9.95

WAFER WHEEL

Catalog #: AJ05 - Desktop wheel holds 30 wafers. Price: \$18.75

Printers and Supplies

AERCO Centronics Printer Interface

The AERCO Centronics Printer Interface supports most Centronics compatible printers. It supports LLIST, LPRINT, and COPY. Many programs are directly compatible or can be made compatible very easily. All cables and software are included.

Catalog #: C181 - TS-1000/1500

Price: \$99.95

Catalog #: C180 - TS-2068

Price: \$69.95

STAR MICRONICS SG-10 Printer

The STAR MICRONICS SG-10 printer is a Centronics compatible printer which prints bi-directionally in 80 Columns at 120 CPS. Using advanced logics seeking it prints over 30% faster than other 120 CPS rated printers. Its 9X9 Dot matrix produces print-outs of exceptional quality, and its 30 OPS Near Letter Quality mode makes it an exceptional value. It uses single-sheet plain paper, Tractor-feed or roll paper. Many features such as expanded and compressed print, selectable type styles, and dot addressable graphics make this printer an exceptional value.

Catalog #: SG10

Price: \$299.95

MEMOTECH DMX-80 Printer

The Memotech DMX-80 Printer is a Centronics compatible printer which prints bi-directionally in 80 Columns at 80 CPS. Its 9X9 Dot matrix produces print-outs of exceptional quality. Its rugged construction allows it to run quieter than any printer in its price range, as well as insure its reliability for years to come. It uses single-sheet plain paper, or Tractor-feed paper. Many features such as expanded and compressed print, selectable type styles, and dot addressable graphics make this printer an exceptional value.

Catalog #: DMX8

Price: \$259.95

SEIKOSHA GP-250 Printer

The SEIKOSHA GP-250 printer is a Centronics compatible printer which prints in 80 Columns at 50 CPS. It prints a full UPPER and lower case ASCII character set, and can use Tractor-feed, roll paper, and Mailing labels. Many features such as Adjustable tractor-feed, expanded print mode, and dot addressable graphics make this printer a useful peripheral.

Catalog #: G250

Price: \$149.95

Printer Products & Supplies

TIMEX/SINCLAIR 2040 Thermal Printer

Now you can have hardcopy printouts of your computer calculations and graphics! The TS2040 is a 32 column Thermal printer that supports full screen, program controlled printing of text, and graphics. The TS2040 is compatible with the ZX81, ZX Spectrum and ALL Timex/Sinclair Computers, no special interface required. It prints on 4.25 inch wide rolls of thermal paper, and includes one roll to get you started.

Catalog #: S240

Price: \$59.95

ALPHACOM 32 Thermal Printer

The ALPHACOM 32 thermal printer is 100% Compatible with TS2040 Printer. This printer attaches directly to your ZX81, ZX Spectrum, and ALL Timex Computers, no special interface is required. It prints on 4.25 inch wide rolls of thermal paper, and includes one roll to get you started. This printer is manufactured by ALPHACOM, the company which made the TS-2040 printers for TIMEX Corporation.

Catalog #: PR32

Price: 59.95

THERMAL PRINTER PAPER

For The Alphacom 32 and TS-2040 Printers. Package of six 82 foot rolls of 4.25 inch thermal paper which produces black on white print.

Catalog #: C148

Price: 15.00

WORD SINC II.3 Wordprocessor

WORD SINC II.3 is a full featured word processor that will transform your TS1000 into a real word processing system. WORD SINC II.3 prints 42 characters per line on your TS2040 printer in UPPER and LOWER case plus punctuation and 20 special characters. Requires 16k and TS2040 or Alphacom 32 printer.

Catalog #: C174

Price: 19.95

WORD SINC II.4 Wordprocessor

WORD SINC II.4 is the same as the above but produces 80 column printouts using the AERCO Interface and an 80 Column Printer.

Catalog #: C177

Price: 35.00

MSCRIPT Wordprocessor

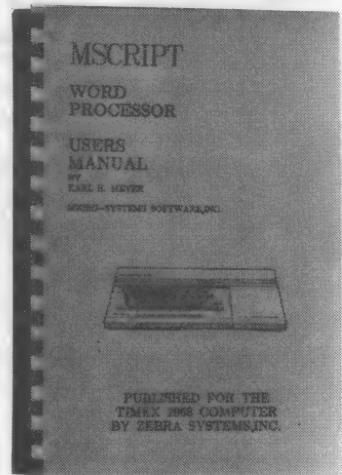
For the TIMEX 2068

MSCRIPT is an advanced 100% Machine language Wordprocessor developed exclusively for the TIMEX 2068 by Micro Systems Software, Inc., the authors of MTERM II (Smart Terminal II). It is the only popular wordprocessor that takes advantage of the TIMEX 2068's 64 Column Extended Screen Mode for a 64 X 22 text display. Other features include full control of text width and margins, Page Headers, Page Footers, Page numbering, Auto-Centering of text, full use of your printers special features from within documents, automatic word wrapping, right justify, a Help page upon demand, Block Move, Block Copy and Delete functions. Also Find and Replace any text string. These and other features make **MSCRIPT** the best TIMEX 2068 Wordprocessor available. Instructions are included to use **MSCRIPT** with the ZEBRA Disk Drive and A & J Stringy Floppy.

MSCRIPT requires an AERCO, TASMAN (Rev. B or C) or A & J Centronics Printer Interface and works with all Centronics Compatible 80 Column printers. **MSCRIPT** works with any B&W or Color Television, B&W or Color Composite Monitor, or RGB Monitor (Interface Required). **MSCRIPT** includes an 90 page User's Manual, Quick Reference Card and Program Cassette with Sample files.

Catalog #: C260

Price: \$24.95



PUBLISHED FOR THE
TIMEX 2068 COMPUTER
BY ZEBRA SYSTEMS, INC.

TASMAN Printer Products

TASWORD TWO Word Processor

TASWORD TWO is a full featured word processor for the TS2068. Written in Machine code for rapid operation, TASWORD TWO offers the following features:

- * 64 characters per line.
- * 64 characters per line to Timex or Alphacom Printer.
- * Works with AERO or TASMAN Centronics Interface for 80 Column Printing.
- * Automatic word-wrapping for neat text.
- * Right Justifying on demand.
- * Block Move and Copy.
- * Margin Settings.
- * Two HELP pages that are always on hand.
- * Search and Replace.
- * Scroll and FAST Scroll (up and down).
- * Comes with a manual AND the TASWORD TWO Tutor.

Catalog #: TM01 New Low Price!! Price: \$24.95

TASPRINT Print Utility

If your printer does not have a lot of special modes, TASPRINT gives them to you. TASPRINT allows you to print documents in 5 different type-styles on your dot-matrix printer. TASPRINT also provides underline, boxed and inverse printing. All type fonts have true descenders (attention Seikosha or Gorilla Banana Owners!) and may be merged with TASWORD TWO or your own BASIC programs. Available for TASMAN Printer Interfaces ONLY.

Catalog #: TM03 New Low Price!! Price: \$19.95

TASWIDE Screen Utility

Allows BASIC programs you write to output the display in 64 columns to your T.V., Monitor, and Printer!

Catalog #: TM02 New Low Price!! Price: \$14.95

TASCOPY Screen Copy Utility

Allows you to output Grey-Scale Screen copies of Color Screen images to your Printer equipped with a TASMAN Interface. Printouts look like Tech-Draw output! Available for TASMAN Interfaces ONLY.

Catalog #: TM02 New for 1985!! Price: \$19.95

TASMAN Printer Interfaces for the TS2068

Fully cased Centronics Parallel or RS-232 Serial interfaces which include a 3 foot cable, LLIST and LPRINT software. Also includes FAST machine code Hi-Res screen copy routines for Gemini-10x, Epson, Memotech DMX-80, Seikosha (Gorilla Banana), and Radio Shack color printers (IN COLOR!).

Catalog #: TM04 - Centronics Parallel Price: \$69.95

Catalog #: TM05 - RS-232 Serial Price: \$69.95

TS1000/1500 CARRYING CASES

Bargain priced at only \$10.00 each.

Cat# TS1050. Order now! Quantities are limited.



Presenting the ideal way to safely and compactly store, or carry around your TS1000 or TS1500 Computer...

These attractive and rugged carrying cases were custom molded for TIMEX Corporation. They resemble small attache cases, measure approximately 13 1/2" x 10" x 3 1/2", have a black leather-like texture, distinctive Timex/Sinclair logos, and feature small fold-away carrying handles. Each case has 7 individual compartments for the following items:

- 1 - ZX81, TS1000, or TS1500 Computer
- 2 - Computer Power Supply
- 3 - Users' Manual
- 4 - Cassette and Video Cables
- 5 - T.V. Switch Box
- 6 - TS1016 16k Ram Pack
- 7 - Four program Cassette tapes

These cases are ideal for carrying your computer on trips or for storing it when not in use.

TS1000 & 1500

BLIPPO

* TS1000/ZX81 Sound effects generator. Add amazing sound effects to your games. Easy to program in BASIC. Wide frequency range. Drives any small 8-ohm speaker. Features bus expansion connector. Demo software included.

C122 BLIPPO.....\$19.95

C124 SPEAKER MODULE.. \$ 5.00

GREEN SCREEN

The Green Screen is a specially molded plastic optical filter which relieves eye strain by enhancing character contrast and by eliminating the components of white light which cause eye fatigue. The Green Screen will fit any 12" TV or monitor and can easily be trimmed with a pair of scissors to fit any smaller size.

ORDER C140\$12.95

TS1000 & 1500

KEYBOARD BEEPER



Experience for yourself how much the Keyboard beeper improves the use of your TS1000 or TS1500 keyboard. Simply plug it into your computer's expansion connector and hear a beep whenever a character is accepted by the computer's keyboard input routine. No software is required. Features expansion connector for RAM etc. **BONUS**—The beep can also be triggered from BASIC. Great for program prompts, timers, etc.

ORDER#C133.....\$19.95

TS1000/1500/2068

ZEBRA LIGHT PEN



Complete package includes Light Pen, Manual, Computer Interface Module, Multiple Choice Demo Program, 16K Light Pen Concentration game cassette.

C109 TS1000, TS1500.....\$24.95

C179 TS2068 VERSION.... \$29.95

ALL ZEBRA PRODUCTS HAVE OUR 15-DAY MONEY BACK GUARANTEE

TS1000 ONLY!

JOYSTICK ADAPTOR



The Zebra Joystick Adaptor allows you to connect any Atari compatible joystick to your ZX81 or TS1000. It comes with simple instructions to make joystick versions of most action games. Simply plugs into the back of your computer and features an expansion connector for piggybacking. Use your own Atari compatible joystick or add \$6.50 for a genuine Atari joystick. **FREE PATCHKIT #1** shows patches for Flight Simulator, Packrabbit, Mazogs, Frogger, 3D Monster Maze, and other popular games.

C120 JOYSTICK ADAPTOR.....\$19.95

C121 ATARI JOYSTICK.....\$ 6.50

C115 6 JOYSTICK GAMES TAPE.... \$ 9.95

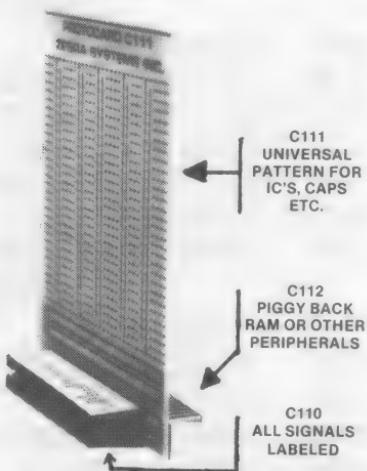
PROTOCOLS & CONNECTORS

TS2068

C210 64-Pin Keyed & Labeled Edge Connector.....	\$6.95
C211 TS2068 Universal Prototyping Board.....	\$10.95
C212 64-Pin Expansion Connector.....	\$2.60

ZX81/TS1000/TS1500

C110 46-Pin Keyed & Labeled Edge Connector.....	\$5.95
C111 TS1000 Universal Prototyping Board.....	\$9.95
C112 46-Conductor Expansion Connector.....	\$2.50



PROTOTYPING BOARDS C111 & C211 are printed circuit boards specifically patterned for breadboarding on the TS1000 and TS2068 respectively. Both boards are made of high quality G10 glass-epoxy material, have soldermasks to minimize the possibility of soldering shorts in the connector area, are solder flux coated for easy soldering, and are silk screened to make identifying the power bus and mating-connector slot positions apparent. The C211 is wider than the C111 to accomodate the wider TS2068 connectors. At the bottom of each C111 is a conductor pattern to match with edge connector C110. Similarly C112 has a longer pattern which can match with either the C110 or the longer C210. Both boards feature breadboard areas with over 1000 holes drilled on 0.1 inch spacing to accomodate integrated circuits and other electronic parts. The copper foil pattern provides for one power and one ground bus to make wiring efficient.

EDGE CONNECTORS C110 & C210 are female solder-tail edge connectors with lengths and keys to match the TS1000 and TS2068. They have custom labels identifying each pin number and the corresponding signal names for the TS1000 or TS2068. You will find these labels save you time and help prevent wiring errors.

EXPANSION CONNECTORS C112 & C212 are solder tinned printed circuit boards with 0.1 inch edge finger patterns on two sides and with a .070 inch notch in the proper key position for their respective computers. These connectors can be used behind your protocols to extend your computer bus to other peripherals such as modems, printers, and RAM Packs.

TS2068 SOFTWARE

ZEBRA SYSTEMS

Cat#	Description	Retail	Zebra
C180	MSSCRIPT WORDPROCESSOR	\$24.95	\$24.95
C270	ZPRINT-80 PRINTER SUPPORT	\$19.95	\$19.95
C271	OS-64 64 COLUMN CARTRIDGE	\$29.95	\$29.95
C272	THE GREETING CARD DESIGNER	\$29.95	\$29.95
C195	ADDRESS BOOK	\$ 9.95	\$9.95
C196	APPOINTMENT SCHEDULER	\$ 9.95	\$9.95
	SOFTSYNC		

SS001	VOICE CHESS	\$24.95	\$22.45
SS002	CYBERZONE	\$19.95	\$17.95
SS003	GULPMAN	\$19.95	\$17.95
SS004	PERSONAL ACCOUNTANT	\$24.95	\$22.45
SS005	ZEUS ASSEMBLER	\$19.95	\$17.95
SS006	ZEUS MONITOR & DISASSEMBLER	\$19.95	\$17.95
SS007	MOONSWEeper	\$19.95	\$17.95
SS008	DRAGONFIRE	\$19.95	\$17.95

QUICKSILVA

QS001	BUGABOO	\$24.95	\$10.95
QS002	TIMEGATE	\$24.95	\$ 9.95
QS003	CYBIRD ASSAULT	\$19.95	\$ 9.95
QS004	THE CHESSPLAYER	\$24.95	\$ 9.95
QS005	SMUGGLER'S COVE	\$24.95	\$ 9.95
QS006	XADOM	\$24.95	\$ 9.95
QS007	3-D STRATEGY	\$24.95	\$ 9.95
QS008	MINED-OUT	\$19.95	\$ 9.95
QS009	QUEZALCOATL	\$19.95	\$10.95
QS010	HOST TOWN	\$19.95	\$10.95
QS011	ROBBERS	\$19.95	\$10.95
QS012	STARFIRE	\$19.95	\$10.95
QS013	LOST	\$19.95	\$10.95
QS014	THE ISLAND	\$19.95	\$10.95
QS015	AQUAPLANE	\$19.95	\$10.95
QS016	VELNORS' LAIR	\$19.95	\$10.95

Looking for Spectrum Software?

Send for our FREE 16 page
Spectrum Product Catalog...

TS2068 SOFTWARE

KNIGHTED COMPUTERS

Cat#	Description	Retail	Zebra
KC01	MULTI-DRAW 2068	\$19.95	\$10.95
KC02	FIGHTER PILOT (F-15 EAGLE)	\$19.95	\$16.95
KC03	THOROUGHBRED HANDICAPPING	\$24.95	\$10.95
KC04	HARNESS HANDICAPPING	\$24.95	\$10.95
KC05	GREYHOUND HANDICAPPING	\$24.95	\$10.95
KC06	NIGHT GUNNER	\$19.95	\$16.95
KC07	TS2068 BASIC TOOLKIT	\$19.95	\$10.95
KC08	ZIP BASIC COMPILER	\$19.95	\$16.50
KC09	TRASHMAN	\$14.95	\$11.95
KC10	TRAVELS WITH TRASHMAN	\$14.95	\$11.95
KC11	MACHINE CODE TUTOR	\$19.95	\$18.50

TASMAN

TM01	TASWORD TWO	\$24.95	\$24.95
TM02	TASWIDE	\$14.95	\$14.95
TM03	TASPRINT	\$19.95	\$19.95
TM06	TASCOPY	\$19.95	\$19.95

HISOFT

HI01	HISOFT "C"	\$34.95	\$34.95
HI02	HISOFT PASCAL 4T	\$34.95	\$34.95
HI03	DEVPAC 3	\$19.95	\$19.95

SHARPS

C202	WAR IN THE EAST	\$19.95	\$17.45
C203	FALL OF THE 3RD REICH	\$19.95	\$17.45
C204	BATTLE OF THE BULGE	\$19.95	\$17.45
C205	BRITAIN INVADED	\$19.95	\$17.45
C204	FALL OF ROME	\$19.95	\$17.45

ASSORTED SOFTWARE

EZ01	EZ-KEY UPLOAD 2000	\$19.95	\$19.95
TEJ01	MUSICOLA	\$24.95	\$24.95
TEJ02	GRAFIST	\$19.95	\$19.95
TW02	TOM WOODS' PROFILE-2068	\$29.95	\$29.95

SPECTRUM EMULATOR Command Cartridge

Lets you run Spectrum programs on your TS2068. Just plug it into your command cartridge port whenever you want to run Spectrum software. Does not require opening your TS2068's Case.

Catalog #: C224

Price: \$19.95

SOFTSYNC TS-2068 Cassettes

VOICE CHESS

Catalog #: SS001

The most advanced chess game available for the TIMEX/Sinclair 2068 actually talks to you during the game. A digitized voice speaks through the computer's speaker, advising of it's move, recommending moves for you and making facetious comments. Voice Chess is written in fast machine code so it responds to your moves quickly.

Features include: Analyze mode, Recommend move, change colors or levels at any point in the game, save, reload and print out any game you play. Displays full chess board in detail.

CYBERZONE

Catalog #: SS002

SPECIAL FEATURE: Use your voice to activate your laser fire! The sound of your voice sends lasers shooting at the enemy.

Imagine yourself pitted against the Cyber's ultra accurate laser fire. The situation is tense as you avoid the swooping, spinning fighters coming to get you. Can you stay alive long enough to chip away at the floor of the Cyber's spinning spacecraft? And is your aim deadly enough to hit the Cyber's only vulnerable spot . . . his left foot?

CYBERZONE is a fast game with five levels of play and exciting graphics that place you in the center of the action.

GULPMAN

Catalog #: SS003

The cursed wormoids are out to get control of Gulpland, chasing its inhabitants out of their apple orchards. Eat as many apples as you can to get bonus points and use your lasers to stun the wormoids.

15 different mazes in this fast machine language game . . .

PERSONAL ACCOUNTANT

Catalog #: SS004

The Personal Accountant is a powerful yet purposefully simple accounting program for household and small business use. Using a time honored accounting practice known as "Double Posting Book-Keeping" The Personal Accountant will instantly organize all your financial information. Open as many accounts as you need, balance your checkbook instantly, track loans, charge card purchases, expenses and IRA's. Generate financial reports ranging from trial balances to profit/loss, expense vs. income and assets over liabilities. An amortization table can calculate payments and changing rates, generate future values and growth tables. And a built in data base keeps names, addresses, and other vital data at your fingertips.

The Personal Accountant is comprehensive yet simple to use with no codes to memorize and the screen will guide you every step of the way.

ZEUS ASSEMBLER

Catalog #: SS005

Machine Code programming is made simple with Zeus. This sophisticated programmer's aid allows the use of the full Z-80 mnemonic instruction set and comes with a step by step instruction booklet.

Unique features include: A full screen editor, automatic line numbering and renumbering and mini monitor. Displays current registers and single stroke commands save machine code.

QUICKSILVA TS-2068 Cassettes

BUGABOO

Catalog #: QS001

No fleas on this program! Bugaboo the flea is trapped in the caves. Help him jump around the narrow ledges and exotic vegetation to safety avoiding the fearsome Pterodactyl, but watch out for those Venus Fly Traps!

TIMEGATE

Catalog #: QS002

The longest running, best selling mega-arcade game in the U.K.! A level two 4-D Space-Time Sci-Fi arcade adventure. A hero is needed to fight off the evil Squarm through time and space to save the universe. The intergalactic battle cruiser, Void-Runner I, will be put at your disposal with it's sophisticated systems and fearsome armory.

CYBIRD ASSAULT

Catalog #: QS003

The top selling U.K. game now available in the U.S.A. Alien creatures, with cosmic autowings flapping furiously, swoop down to attack your ship in the space void. Dodge the remote control plasma balls and glowing meteors as you desperately fight back with your laser cannons.

THE CHESSPLAYER

Catalog #: QS004

Some murky planet, orbiting an ancient sun in a forgotten back water of the universe, has given birth to this talking malevolent Chess fanatic. Can you best him at Chess on all six levels of play and save the Earth, while ignoring his stinging comments.?

SMUGGLER'S COVE

Catalog #: QS005

Falling through a concealed cave entrance you find yourself caught in a fable full of horror and Black Beard's Treasure . . . A historical Adventure with Hi-Res graphics, which has been known to keep it's addicts up all night!

XADOM

Catalog #: QS006

It's just not your day . . . The Empire requires you to recover their precious "Aartifac", and you know what happens to people who ignore the Empire's requests. You are teleported to a Labyrinthine Alien Maze where you must battle your way through Vamp-Bats, Void-Droids, Watt-Dogs, and other alien nasties, whilst avoiding the lethal Syber-Snakes, until you locate the "Aartifac". Remember, the teleporter is your only escape from the maze, and don't return without the "Aartifac". Superb 3-D graphics, fully animated arcade adventure.

3-D STRATEGY

Catalog #: QS007

A Monster of an unbeatable game! A "State of the Art" program. A battle of nerves and wits; faster than a speeding bullet! 100% machine code version 3-D Tic-tac-toe.

MINED-OUT

Catalog #: QS008

Save Bill the Worm from death at the hands mines, mine spreaders and bugs. A risky mission, but you have distressed Cloned Damsels to rescue on the way . . . A thoughtful hand and steel nerves are needed.

TIMEX 2068 CASSETTES

CAT #	TITLE	LIST	ZEBRA
61000	VU-CALC	24.95	16.00
61001	VU-FILE	24.95	16.00
61002	VU-3D	24.95	16.00
61003	QUADRA-CHART	19.95	11.00
62000	BUDGETER	24.95	11.00
62001	HOME IMPROVEMENT PLANNER	19.95	11.00
62003	AUTO ANALYZER	24.95	11.00
62009	PERSONAL PORTFOLIO MANAGER	19.95	11.00
62010	PERSONAL HOME FINANCE	19.95	11.00
63000	FLIGHT SIMULATOR	24.95	11.00
63001	STATES AND CAPITALS	15.95	11.00
63011	SPELLING II	15.95	11.00
63016	MATH WIZARDRY I	15.95	11.00
63017	MATH WIZARDRY II	15.95	11.00
63019	WORDCROSS	15.95	11.00
63020	WORD PLAY I	15.95	11.00
63021	WORD PLAY II	15.95	11.00
63025	LANGUAGE USAGE	19.95	11.00
63028	CAPITALIZATION MASTER	19.95	11.00
64001	ANDROIDS	19.95	11.00
64002	PENETRATOR	19.95	11.00
64004	CASINO I	15.95	11.00
64005	CROSSFIRE	19.95	11.00
64007	DRAGMASTER	15.95	11.00
64009	GUARDIAN	15.95	11.00
64010	STOCK MARKET SIMULATION	19.95	11.00
64012	FUN GOLF	15.95	11.00
64013	CHESS	19.95	11.00
64014	HUNGRY HORACE	19.95	11.00
64015	HORACE GOES SKIING	19.95	11.00
64019	HORACE AND THE SPIDERS	19.95	11.00
64021	BLIND ALLEY	19.95	11.00
64023	CRAZYBUGS	19.95	11.00

TIMEX 2068 CARTRIDGES

72000	BUDGETER	34.95	15.00
73000	FLIGHT SIMULATOR	39.95	15.00
73001	STATES AND CAPITALS	29.95	15.00
74000	PINBALL	29.95	15.00
74001	ANDROIDS	29.95	15.00
74004	CASINO I	29.95	15.00
74005	CRAZYBUGS	29.95	15.00

SHARP'S SOFTWARE FOR THE TS2068

WAR IN THE EAST

The simplest of the five but our best seller. As commander of the German forces you must launch a surprise invasion of Russia, capture and hold Moscow before the weather and the Red Army overwhelms you. Effects of terrain, weather and fuel supply. Eleven types of divisions and brigades. 1 1/2 hour playing time.

Catalog #: C202

Price: \$19.95

FALL OF THE THIRD REICH

As the German player your devastated army must hold off the Allies and Russians on two different fronts, and hold Berlin as long as possible. Effects of rivers, forts, and mountains. Multiple attacks are used on both sides. A great game to learn what really happened to the Third Reich the last few months. A real nightmare for the player. 2 hours playing time.

Catalog #: C203

Price: \$19.95

ARDENNES: BATTLE OF THE BULGE

In a desperate attempt you have to break through the Allied lines, inflict heavy losses and capture as many towns as possible to prevent the Fall of the Third Reich. 2 hours Playing time.

Catalog #: C204

Price: \$19.95

BRITAIN INVADED

The most advanced of the four games. The program uses a whopping 231 user defined graphics. The player must defend England in this hypothetical invasion during World War II. Effects of rail lines, weather, terrain and ports, Scrolling map, multiple attacks. Every invasion is totally different to which German divisions are used, where they land, and depending on weather how many reinforcements they get and to which port. All this, and more makes this game a must! 1 1/2 hour playing time.

Catalog #: C205

Price: \$19.95

THE FALL OF ROME

395 AD: In this game you command the resources of the Roman Empire in its struggle for survival against the eleven Barbarian tribal groups of the north. You battle with two empires of the East as they try to take advantage of your troubles. With the income of the Empire you must build and raise legions, and hire enemy armies to combat the Barbarians.

Catalog #: C206

Price: \$19.95

Pro/File 2068 for the Timex 2068

This is a new and improved version of the ZX PRO/FILE. It does everything the TS1000 program does and more:

INCREASED CAPACITY:

28,000 bytes of unrestricted, format-free data storage.

EXPANDED MULTI-WORD SEARCH:

For two, three, or as many words as you wish; gives INSTANT access to your data.

WORD PROCESSOR ADD/EDIT FUNCTIONS:

Makes adding files easy. Insert, delete or overwrite individual characters or entire lines of data.

UNMATCHED PRINTER FUNCTIONS:

You specify exactly which lines get lprinted. For example, you could program the data base to print out lines 1, 3, 4; skip a line and then print lines 8, 2, and 15 of every file you specify.

ORDERED FILE OUTPUT:

All files of a specified search can be aplphabetically ordered on the basis of any file line. For example, an address file consisting of names on line 1, streets on line 2, city on 3, and state on 4 can be ordered by any criteria--name, street, city or state. Numbers like zip codes can also be ordered.

All PRO/FILE 2068 owners receive a FREE 100 page operator's manual upon return of the registration form. This book contains tips on how to use the program to its fullest, add 80 column printers for larger printouts, how to use PRO/FILE with A & J MicroDrives, hints and tips on how to modify PRO/FILE 2068 to your own needs, how to add many additional capabilities and it includes program listings with a complete explanation of how PRO/FILE 2068 works.

There is no other data base program for the TS2068 that offers anything close in terms of versatility, speed, efficiency or utility. Come to think of it, you won't find anything that stores or retrieves information like PRO/FILE 2068, regardless of computer brand or price!

Catalog #: TW02

Price: \$29.95

Looking for QL Products?

Send for our FREE
Sinclair QL Product Catalog...

Two NEW GREAT TS2068 Books!

TS2068 BASICS AND BEYOND

By Sharon Aker

Polish your BASIC programming with TS2068 Basics and Beyond. Designed for beginning and intermediate BASIC programmers, this book offers a collection of tips and techniques that contribute to easier and better programming. This book offers over 120 short demonstration, game, and utility programs that show creative BASIC programming in action. Both new and experienced programmers will benefit from the line-by-line explanations that accompany each program. And a helpful "Quick Tips" section can save you time, effort and frustration when writing programs.

Catalog #: C178

Price: \$9.95

COMPUTER INTERFACING TECHNIQUES IN SCIENCE

By Paul E. Field and John A. Davies

Designed for science teachers, students and hobbyists, this book teaches the fundamental concepts of computer interfacing. Anyone with a basic understanding of electricity and of the BASIC programming language can quickly learn to measure and control experiments and instrumentation with microcomputers. This comprehensive book offers a practical, hands-on approach to computer interfacing. By constructing simple, low-cost electronic interface circuits, beginners will gain an understanding of digital and analog electronics and of the Z80 microprocessor. Readers will also learn how to build input and output ports, convert analog signals to digital input, and generate the control signals used for advanced interfacing.

This book includes 30 experiments to help readers apply the interfacing techniques discussed in each chapter. Designed for use with any Timex/Sinclair computer, these experiments help develop programming and circuit building skills while illustrating important concepts in the physical sciences. Each experiment includes step-by-step directions, a list of necessary components, and easy-to-follow schematics and diagrams. These experiments show how microcomputers can be readily adapted for practical uses in the school, university, home or laboratory.

Catalog #: C230

Price: \$12.95

TS2068 BEGINNER/INTERMEDIATE GUIDE

By Fred Blechman.



Fred Blechman takes you on a safari through the wilds of your TS2068 Computer. His light easy-to-read style explains in plain English how to program the TS2068 and makes this book invaluable as a companion book to the User's Guide. If you've never used a small computer before, you'll find that this book will guide you in a very friendly fashion through the mechanics of operating the TS2068 and BASIC programming. If you're an intermediate user, you'll also find a wealth of information in the book -- information on the peculiarities of Timex BASIC, the keyboard, and the sophisticated display capabilities. Whether you're a beginner or intermediate user you'll find many different application programs that are not just fluff, but practical, usable programs that illustrate the potential of the TS2068.

Catalog #: C173

Price: \$9.95

TS2068 INTERMEDIATE/ADVANCED GUIDE

By Jeffrey Mazur

This book provides 228 pages of TS2068 Hardware and Machine language references. Material that picks up where the TS2068 Beginners/Intermediate Guide ends. One section of the book helps you to speed up existing programs, to perform functions normally unavailable from BASIC, and contains many useful programs in BASIC and Machine Language which you can type into your computer. Another section provides information on how to build a variety of useful devices to add on to your TS2068 Computer. This book should be on the shelf of any Advanced TS2068 owner who wishes to better understand their computer.

Catalog #: C192

Price: \$9.95



POWERFUL PROJECTS WITH YOUR TIMEX/SINCLAIR

By Jim Stephens

Designed for hobbyists and experimenters, novice or experienced, **POWERFUL PROJECTS WITH YOUR TIMEX/SINCLAIR** shows you how to build creative electronic projects in your home. Beginning with the basics, Jim Stephens clearly explains all the wiring techniques and components you'll need to control external devices with your computer. This book contains the following enjoyable projects:

- + construct simple yet powerful control circuits
- + build an interface connector
- + create a weather station
- + build your own robot
- + construct a speech synthesiser for your robot

This how-to book gives you detailed instructions for doing these projects with the TS2068, TS1500, TS1000 and ZX81 computers. If you'd like to do more with your computer than just balance your checkbook, you need this book!

Catalog #: C231

Price: \$12.95

TANTALIZING GAMES FOR THE TS2068

Does your brain get enough exercise? Are your wits as sharp, or your reactions as quick as they should be? Tone up the muscles of your mind with this enthralling collection of arcade and action games, puzzles, brainteasers and competitions for your microcomputer. Battle with GALACTIC MONSTERS and ZOMBIES IN THE SWAMP, compete in a thrilling ROAD RACE, defend yourself against a SHIP'S ATTACK. If you survive all that you can gamble at LAS VEGAS A GO GO and the KENTUCKY DERBY, plumb the mysteries of the BLACK BOX, and stretch your mind with intriguing board games like ONE TO FIVE, SHAKESPEARIAN SHUFFLE, and MINI MANCALA. Then test your intellectual capabilities with VOWELS AND CONSONANTS, KEYBOARD MEMORY, and AT THE MARKET. Will you turn out to be a GENIUS AT WORK? By now you'll be razor sharp and ready for anything, which is just as well because you are not even halfway through yet! There's even more excitement, skill and fun for you, your family, and friends. So test your reflexes and mental prowess on this extraordinary obstacle course. What are you waiting for...on your marks, get set...GO!

Catalog #: C198

Price: 5.95

BOOKS FOR THE TS1000 & ZX-81

INS AND OUTS OF THE TS1000 & ZX81

The Ins and Outs of the TS1000/ZX81 contains the complete circuit diagram of this amazing microcomputer, as well as a full discussion of the unorthodox methods which are used in making this microcomputer do what it does. The most remarkable aspect of the TS1000/ZX81 is that it is essentially comprised only of a television modulator and four chips: a RAM chip, which is the memory available to the user, a ROM chip, which contains the built-in instructions of the computer, a Z80 chip ,which is the central processor, and a ULA chip which is a chip specially designed and built for Sinclair. Just how these components are put together and what they do is revealed in this book by Don Thomasson. The author also includes a number of practical projects to enable you to take full advantage of the system's hardware including expanding its memory capabilities. The Ins and Outs of the TS1000/ZX81 is the only book to deal with the hardware aspects of the TS1000/ZX81, and a must for anyone interested in expanding their computer.

Catalog #: C107

Price: \$12.95

UNDERSTANDING YOUR ZX81 ROM

Dr. Ian Logan clearly and carefully explains all the facilities of the ZX81/TS1000 Rom and how you can use it in your own programs. The book includes a special section showing how you can squeeze more power into your ZX81/TS1000 with the use of machine language and machine language subroutines. Packed with valuable information this book is essential for the serious programmer who really wants to unleash the ZX81/TS1000 completely. SYNC magazine said: "readers will recognize Dr.Logan as a major ZX80/81 expert whose writings are well worthwhile. Understanding Your ZX81 ROM is no exception. The book is written for a serious beginner who has a fairly good knowledge of Basic and wishes to take advantage of Z80 machine code execution speed. It supplements, but does not replace, the ZX81 manual which must be used as a reference." Understanding Your ZX81 ROM "contains a tremendous amount of information and is well worth the cost. Understanding Your ZX81 ROM would be a valuable addition to most ZX80/81 libraries, and for the serious programmer it should be high on the list."

Catalog #: C105

Price: \$14.95

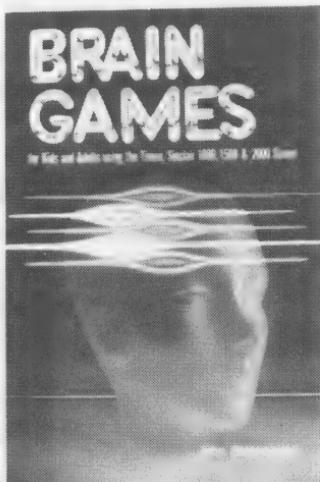
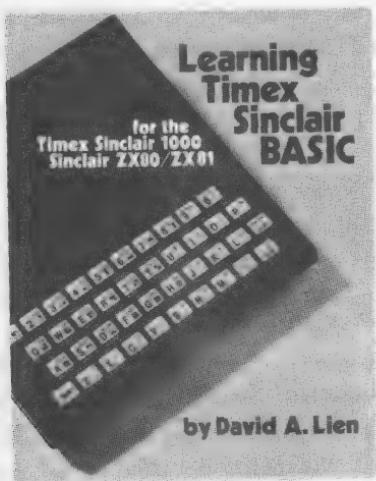
LEARNING TIMEX/SINCLAIR BASIC

By Dr. David A. Lien

Learning Timex/Sinclair BASIC is a 350 page comprehensive manual for the Timex/Sinclair 1000 and Sinclair ZX80/ZX81 which will answer all your programming questions. It's simple, step-by-step instructions make learning the BASIC language a breeze, especially for first-time computer users. Don't miss this opportunity to learn from a proven teacher of BASIC how to write your own custom software. It includes many sample programs, as well as excercises which you can use to test your knowledge of BASIC as you progress. This book is a must for any TS1000/1500 or ZX80/ZX81 owner.

Catalog #: 135

Price: 14.95



BRAIN GAMES FOR KIDS AND ADULTS USING THE TS1000, TS1500, AND TS2068 COMPUTERS

It's fun! It's entertaining! and it's a new way to learn about mathematics while you play! Written in 1K of memory, this remarkable book packs an enormous amount of information in just a few lines of code to give you more than games alone. It's a learning tool! You can guess at the solutions or work them out logically... Either way you'll pick up some very practical knowledge. The challenge is yours...Get ready for Brain Games!

Catalog #: C199

Price \$8.95

THE COMPLETE TS1000/ZX81 ROM DISASSEMBLY

This book is for the experienced programmer who wants to get right into the heart of his ZX81/TS1000, its ROM control program. Written by Dr. Ian Logan and Frank O'Hara who are recognized as two of the leading experts in Sinclair microcomputer technology today, each routine of the ZX81/TS1000 ROM is completely disassembled and its function fully explained. Written in an easy to follow format, great care has been taken by the authors to ensure the reader fully understands the ROM operation. Part A covers all routines except the floating point calculator. Part B covers the functions of all the routines involved in the evalation of expressions as well as a detailed explanation of the floating point calculator. Acclaimed by the French Personal Computing magazine L'Ordinator Individuel as a book that will allow anyone well versed in Basic to throw themselves confidently into machine language programming this book is a must for the serious ZX81/TS1000 programmer wishing to expand his programming abilities.

Catalog #: C108

Price: \$19.95

TIMEX/SINCLAIR INTERFACING

This book explains the fundamentals of microprocessor interfacing in such a way that beginners can understand, design, and go on to actually build interfaces for the Sinclair Computers. TIMEX/SINCLAIR INTERFACING also covers a variety of construction techniques, programming considerations, and troubleshooting plans. Plus, it gives complete listings (in BASIC) for all programs needed, printouts for the programs used, and chip data for all the ICs mentioned. So don't let the computer revolution pass you by. Get the knowledge you need with TIMEX/SINCLAIR INTERFACING.

Catalog #: C137

Price: \$10.95

A PRACTICAL GUIDE TO MACHINE LANGUAGE PROGRAMMING ON THE TS1000/1500.

By David Woods

This 250 page book describes how to program in machine language making the best use of already existing ROM routines. Includes a catalog of 100 ROM routines and how to use them. Also includes a program listing of a Hexadecimal Assembler.

Catalog #: C149

Price: \$14.95

ZX PRO/FILE For the TS-1000

This program offers the most advanced data handling functions available for the TS1000. ZX PRO/FILE is a fast, efficient data organizer. Unlike other programs of its kind, ZX PRO/FILE lets you create files of any size in the same program run.

In just one cassette load you can keep all of your records: phone and mailing lists, research data, reference materials, appointments, sales and product information. You don't need to constantly reload from one data abase to another.

Flexibility is just one of many features that make ZX PRO/FILE clearly the best file management tool available. There's more:

HIGH CAPACITY:

With 16K RAM, you can store a total of 10,980 characters configured in files of any size. Files can be "chained" so you can easily access many multi-screen "pages" of larger file groups.

EASY ADD/EDIT FEATURES:

To add new files, you press one key. A movable blinking cursor lets you select the file lines you wish to add, alter or delete.

COMPREHENSIVE FILE ACCESS:

The information you store in ZX PRO/FILE is accessed by typing any word, symbol, or phrase that you know (or think) is in the file you want to look up. The program finds and displays every file in memory that has this word in it--INSTANTLY!

Not only can ZX PRO/FILE search for just one word, a MULTI-WORD SEARCH lets you sift through your files. Only those files that have both word-A and word-B are displayed.

AUTOMATIC REPORT GENERATION:

A special AUTOSEARCH feature prints out any portion of your files automatically. ZX PRO/FILE makes applications such as mailing lists, summary reports, and printed lists of data easy.

DOCUMENTATION:

When you get ZX PRO/FILE, you get more than just a computer program. A 59 page manual comes with it that includes complete operating instructions, file construction tips, examples, printed program listings and a detailed explanation of how the program works. Chapters tell about big memories, how to adapt fast load utilities, how to add tabulation capabilities for data analysis, and much more.

Catalog #: TW01

Price: \$16.95

TS1000 CASSETTES

MELBOURNE HOUSE

Cat#	Description	List	Sale
MH001	GAMESTAPE #1 - 11 GAMES	\$14.95	\$ 6.00
MH002	GAMESTAPE #2 - STARFIGHTER	\$14.95	\$ 6.00
MH003	GAMESTAPE #3 - CATACOMBS	\$14.95	\$ 6.00
MH004	GAMESTAPE #4 - 3D MONSTER MAZE	\$14.95	\$ 6.00
MHSET	COMPLETE SET OF 4 GAMESTAPES	\$59.80	\$14.95

INTERNATIONAL PUBLISHING

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GSCP13	ZOR	\$14.95	\$ 6.00
GSCP14	ENCOUNTER	\$14.95	\$ 6.00
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GSCZ58	CONCENTRATION PLUS 2 GAMES	\$14.95	\$ 6.00
GSCZ62	INVADER	\$14.95	\$ 6.00
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GSCZ72	ZX GALAXIA	\$14.95	\$ 6.00
GSCZ74	ZOMBIES & SWORD OF PEACE	\$14.95	\$ 6.00
GSCZ80	INCA CURSE	\$14.95	\$ 6.00
GSCZ81	ALIEN SPACE SHIP	\$14.95	\$ 6.00
GSCZ91	GALAXY INVADERS	\$14.95	\$ 6.00
GSCZ96	MARINE RESCUE	\$ 9.95	\$ 6.00

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SOFTSYNC

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SST16	HANGMAN 16K	\$14.95	\$ 6.00
SST17	MATH RAIDERS 16K	\$14.95	\$ 6.00
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SST19	NIGHTGUNNER 16K	\$14.95	\$ 6.00
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TS1000

RESTON PUBLISHING

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C303	CHAMPIONSHIP CHESS	\$14.95	\$ 6.00
C304	ONE-ARM BANDIT/BLACKJACK	\$14.95	\$ 6.00
C305	THE NOWOTNIK PUZZLE	\$14.95	\$ 6.00
C306	INVASION FORCE	\$14.95	\$ 6.00
C307	ESCAPE FROM SHAZZAR	\$12.95	\$ 6.00
C308	ALL 7 RESTON GAMES C301-C307	\$95.65	\$30.00

TS1000

Z-XLR8 Fast Loading Program for TS1000 & ZX-81

This 2k relocatable program can speed up cassette loads 6 to 10 TIMES FASTER than Sinclair LOAD & SAVE routines. No hardware is required although speed is usually improved with use of a WINKY BOARD II. Features User-friendly prompting in either immediate or program modes, FAST binary data LOADING and SAVEing anywhere in RAM, FAST Array variable LOADING and SAVEing independant of program. Reccomended by Tom Woods for use with ZX- Profile!

Catalog #: GR04

Price: \$11.00

TIMEX CORPORATION
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03-3002	FLIGHT SIMULATOR	19.95
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MAZOGS 16K

MAZOGS is the cleverest, most elaborate game ever devised for the Timex/Sinclair 1000 computer. You enter a large and complex maze which contains a glittering and fabulous treasure. But also inside the maze are fearsome MAZOGS. The program draws a different maze for each mission and places in it, the MAZOGS, the MAZOGS' prisoners, some handy swords (to fight the MAZOGS with) and the treasure.

SOFTSYNC TS1000

THE STOCK MARKET CALCULATOR 16K

Written by an experienced stock market executive, this program is actually made up of two sections, "MKT 1" and "MKT 2".

MKT 1 contains three programs: NET PRICE WORKSHEET, PROFIT/LOSS, and the COVERED WRITE WORKSHEET.

MKT 2 repeats the Net Price Worksheet and adds the "Write Unrappel."

Both programs allow you to alter individual variables after the initial run. This enables you to try different prices and investment alternatives without having to re-enter all data each time.

THE ADVANCED BUDGET MANAGER 16K

The Advanced Budget Manager is the ultimate financial program for the Timex 1000 Computer because it combines a financial data base with a forecasting program. This allows you to project income and expenses as well as access financial data in many useful ways.

Choose from the menu to input or review data, analyze income/expense (projected and actual) by month, category or by total. Six income and 24 expense categories.

This program is easy to operate with self-explanatory instructions. Making data entries is simple, there is a built-in SAVE feature allowing you to update your files and a PRINT routine.

STRATEGY

SUPERCHESS 16K

SUPERCHESS is probably the most advanced chess game available for the ZX81 and TS1000 computers with features not found in any computer chess game:

- Ten levels of play.
- Tactical or positional evaluation.
- ANALYZE feature allows you to set up and/or change a position.
- A store of standard openings.
- Excellent graphic board display.
- Up to 15 previous moves displayed.
- Will recommend moves.
- SELF PLAY allows you to watch SUPERCHESS play against itself.

STRATEGY

HANGMAN 16K

Remember when you played HANGMAN as a child?

We've created a learning tool for you and your children which contains seven versions of HANGMAN on the ZX81/TS1000. Play against the computer's five pre-recorded libraries of categorized words, (each word up to 17 letters) Animals, Science, Countries of the World, States of America, and Fruits and Vegetables, or create your own library of 500 words.

EDUCATIONAL

RED ALERT 16K

Scramble into your ship—check the computer for status. The screen says you've got plenty of fuel, bombs and missiles. And you're in the air—dodging oncoming aliens who are swooping down and firing rockets; skimming above menacing mountains from which rockets are being fired at you. You score points for destroying alien ships, fuel dumps and enemy missiles. But if you run out of fuel or if you lose all three of your ships you're finished.

This fast moving machine code game—rated as the closest TS1000 ZX81 program to an arcade game—will keep your agile skills sharp.

ALIEN INVASION 16K

A dark cloud appears on the blue grey horizon and inches towards you. As it nears, you see that it is composed of rows of invaders. The Alien Invasion is on. The invaders are firing at you, blowing away bits of your shields. You thrust left and right, avoiding the dangerous bombs while you knock the invaders off one by one. But they inch closer, thirteen rows, seven to a row. Can you get them before they reach your base?

SOFTSYNC TS1000

ARCADE

MOTHERSHIP 16K

Three dimensional graphics for your Timex 1000? When you see yourself peering out of the cockpit of your Starlite Fighter, screaming down a Zanway space corridor towards the Mothership, you won't believe your eyes, because the graphics are so good and the game so fast.

Drones are pouring down the Zanway—all around you—firing deadly lasers. You can manoeuvre in all directions to dodge them. Knock off ten and you get a clear shot at the Mothership if she doesn't get you first. Mothership is written in machine code, has three levels of play, one or two player option, on-screen scoring and plays like no other game you've ever seen on the TS1000.

ARCADE

METEORITES 16K

Working at the Noliveg laboratory seemed unexciting until the long range scanners picked up a vast belt of asteroids drifting on the fringes of the star system Noliveg 1. Suddenly, the asteroids are upon you. You dodge, swerve and fire phaser beams at them. Controls: Rotates left and right, thrust, fire.

On screen: Six missiles firing in eight directions, wrap around screen, 2 sizes of asteroids, scoring and ship count, complete mobility and bonus ship.

ARCADE

NIGHTGUNNER 16K

You peer into the inky black sky from your position as the tail gunner in a bomber plane, searching for enemy aircraft. Suddenly from above, a fighter plane swoops down, machine gun bullets flaring at you. You swing your tail gun into position, line up your sights and fire. With nimble fingers you can quickly manoeuvre your gun in any direction and fire. But each round gets faster and harder. NIGHTGUNNER also features on-screen scoring, high score and ammunition count as well as bonus points.

ADVENTURES

These two programs give you descriptions of where you are and what you see. It's up to you to tell the computer what to do. If you love a challenge, like to be baffled and enjoy jokes, you'll have hours of fun with these two Adventures.

QUEST FOR THE HOLY GRAIL and THE ELUSIVE MR. BIG 16K

This Adventure Double Feature contains two programs on one tape and features randomly generated clues, solutions, objects and rooms so the games are different every time you play.

In *QUEST FOR THE HOLY GRAIL*, you land on a lush volcanic island where the Holy Grail is hidden. Outwit the Nazi Le Mechan, evade the hungry natives, descend into the underground passageways to find the Grail.

In *THE ELUSIVE MR. BIG* you are a detective in the tradition of Spade and Marlowe. Working against the clock on a tip from a now demised dame, you scour the city, questioning people, picking up clues and useful objects in search of "Mr. Big."

SPACE COMMANDO 16K

In this challenging adventure game, the amalgamation of friendly planets has commissioned you to infiltrate ZIRCON 12, a space colony overtaken by renegade androids. Penetrate the alien security forces and render them defenseless so the Space Fleet can land.

SHARK'S TREASURE 16K

This exciting adventure takes place in deadly shark infested waters which guard fabulous riches hidden in the wreck of a sunken pirate ship. See if you can find the treasure and escape unscathed from the jaws of death.

SOFTSYNC TS1000

COMPUTER TUTORS are a series of programs designed to both educate and entertain children:

ALPHA/VOWEL TUTORS 16K

Two programs on one cassette which visually help children learn the letters of the alphabet and the use of long and short vowels. *ALPHA TUTOR* (Ages 4-8) generates three random pictures and corresponding words with the first letter missing from each word. A letter of the alphabet is displayed which is the missing letter from one of the words. With the help of the pictures, students learn to match the letter to the correct word. *VOWEL TUTOR* (ages 5-9) is similar to *Alpha Tutor* and includes a menu with three choices: Long vowels, Short vowels, Long and Short vowels.

MATH RAIDERS 1000 16K

MATH RAIDERS 1000 is a graphically exciting and educationally rewarding program that combines valuable math tutorial exercises with the irresistible fun of arcade games. The program invites students to take command of the *USS RAIDER 1000*, a spaceship on a mission to defend Earth from alien invaders. The Captain has four weapons to choose from: Addition, Subtraction, Multiplication, and Division with two levels of play. A right answer allows the Captain to fire at the invaders who are trying to penetrate the atmosphere.

ADVENTURES

ADVENTURES

**PROGRAMMERS
FOR**

GRAPHICS KIT 16K

Want to write more interesting TS1000/Zx81 programs? The GRAPHICS KIT gives you 23 exciting machine code routines to add super graphics to your programs. Draws or Deletes multi-character shapes, creates Borders, includes Foreground and Background functions which makes shapes appear to emerge and slide behind other shapes plus reverse, fill, scroll and many more. The machine codes are SUPER FAST and when loaded occupies about 2K in the RAM top.

PROGRAMMERS TOOLKIT 16K

Like the Graphics Kit, PROGRAMMERS TOOLKIT provides machine code routines to help you write better, faster and more elaborate programs. Renumber program lines, search and replace any character, insert a WAIT condition to stop the program until a signal is input, hyper graphics mode and many more.

These two unique toolkits are "compatible" and can be loaded together, making a powerful programmer's aid.

**PROGRAMMERS
FOR**

PERSONAL

BIORHYTHMS 16K

Ever wonder why somedays you feel physically, emotionally or intellectually drained while other days you feel like You're on a winning streak? Now you can understand those ups and downs by plotting your Biorhythms with your Zx81/TS1000. The Biorhythms program will plot all three cycles graphically so you can plan ahead and take advantage of those days when a cycle is on a positive swing.

SOFTSYNC TS1000

2K GAMES PACK
Six great graphically illustrated games on one cassette for the unexpanded Timex 1000:

COPTER PATROL
KILLER WHALE
ASTROWALK
MONSTER MASHER
STAR BLASTER
DRAGON SLAYER

2K

SPACE RAID/ TS DESTROYER 2K

Two fast moving graphics games for the TS1000 2K machine. You'll be amazed at the detail and ingenuity in these 2K games. SPACE RAID puts you below a giant spaceship with a fearsome alien inside. Avoid the snake-like deadly laser, blast out the soft underbelly, and hit the alien where it really hurts—in his left foot.

TS DESTROYER puts you on enemy turf. Waves of enemy war ships, missiles and meteors are coming from all directions. You can shoot and maneuver but you can't outwit the guided missiles.

2K

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